

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| S1    | 205  | ("2737594"   "20020008056"   "20020033449"  <br>"20020060790"   "20020061124"  <br>"20020104741"   "20020148975"  <br>"20020170367"   "20020175178"  <br>"20030063276"   "20030072484"  <br>"20030090664"   "20030098978"  <br>"20030112440"   "20030131737"  <br>"20030136276"   "0033357"   "4037970"  <br>"4040747"   "4115803"   "4117935"  <br>"4253766"   "4260262"   "4319491"  <br>"4414566"   "4422760"   "4540286"  <br>"4633087"   "4692620"   "4713781"  <br>"4752689"   "4806764"   "4944589"  <br>"4963743"   "4975863"   "5005774"  <br>"5034609"   "5077806"   "5085510"  <br>"5115918"   "5135114"   "5227856"  <br>"5241178"   "5245188"   "5253302"  <br>"5258825"   "5308981"   "5321764"  <br>"5335293"   "5406084"   "5487472"  <br>"5579107"   "5638961"   "5669511"  <br>"5703784"   "5734747"   "5751421"  <br>"5760399"   "5779058"   "5822219"  <br>"5835206"   "5865990"   "5878868"  <br>"5898792"   "5912730"   "5917927"  <br>"5956413"   "5957773"   "5969340"  <br>"5973286"   "5982944"   "5986230"  <br>"5991025"   "6013887"   "6031608"  <br>"6056127"   "6059117"   "6097493"  <br>"6100488"   "6100526"   "6137108"  <br>"6207956"   "6208420"   "6281501"  <br>"6316772"   "6324531"   "6369388"  <br>"6373057"   "6391354"   "6410057"  <br>"6418180"   "6418805"   "6421990"  <br>"6424416"   "6427128"   "6433293"  <br>"6483583"   "6556295"   "6646264").PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/02/11<br>13:07 |
| S2    | 39   | S1 and conveyor   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/02/11<br>13:25 |
| S3    | 31   | S1 and conveyor and (radiation light beam energy uv ultraviolet infrared)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/02/11<br>13:26 |
| S4    | 8    | 250/573-577.ccls. and hopper and conveyor   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2008/02/11<br>13:32 |

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| S5  | 0    | 250/573-577.ccls. and (object with feeder) and conveyor  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/11<br>13:33 |
| S6  | 2    | 250/573-577.ccls. and (object with feed\$3) and conveyor   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/11<br>13:33 |
| S7  | 71   | 250/573-577.ccls. and conveyor   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/11<br>13:34 |
| S8  | 1695 | (adjust\$4 with hopper) and conveyor and (radiation light uv ultraviolet infrared laser beam)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/11<br>13:56 |
| S9  | 833  | (adjust\$4 with hopper) and (conveyor with belt) and (radiation light uv ultraviolet infrared laser beam)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/11<br>13:57 |
| S10 | 25   | ("4572666"   "4661985"   "4687107"   "4713781"   "4752689"   "4975863"   "5135114"   "5321764"   "5379949"   "5526437"   "5703784"   "5703960"   "5710833").PN. OR ("5917927").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/02/11<br>14:40 |
| S11 | 31   | ("1031669"   "3197647"   "3216567"   "3455445"   "3581888"   "3871774"   "3956636"   "4127193"   "4161366"   "4196811"   "4371081"   "4572666"   "4666045"   "4699273"   "4713781"   "4752689"   "4806764"   "5245188"   "5252240"   "5448069"   "5524746"   "5659624"   "5669511"   "5865990").PN. OR ("6059117").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/02/11<br>15:43 |
| S12 | 18   | ("3990580"   "4505371"   "4741428"   "4881689"   "4901841"   "4905917"   "5031845"   "5348136").PN. OR ("5524746").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/02/11<br>15:49 |
| S13 | 69   | 250/223R.ccls. and hopper and conveyor   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/11<br>16:21 |
| S14 | 3    | 250/223R.ccls. and hopper and conveyor and strobe  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/11<br>16:21 |

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| S15 | 25  | ("4572666"   "4661985"   "4687107"   "4713781"   "4752689"   "4975863"   "5135114"   "5321764"   "5379949"   "5526437"   "5703784"   "5703960"   "5710833").PN. OR ("5917927").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/02/12<br>08:04 |
| S16 | 4   | 250/573-577.ccls. and (hopper same belt) and conveyor  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/12<br>08:15 |
| S17 | 35  | 250/573-577,223R.ccls. and (hopper same belt) and conveyor   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/12<br>08:16 |
| S18 | 11  | ("1678884").URPN.  | USPAT   | OR | OFF | 2008/02/12<br>08:16 |
| S19 | 35  | ("3597616"   "4040747"   "4253766"   "4260262"   "4400086"   "4441513"   "4463261"   "4560275"   "4752689"   "4806764"   "4883963"   "4925305"   "4997280"   "5038040"   "5040889"   "5050989"   "5132538"   "5239180"   "5241178"   "5308981"   "5327708"   "5406084"   "5448069"   "5475221"   "5480354"   "5517302"   "5751421"   "5991025"   "6100526").PN. OR ("6483583").URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/02/12<br>09:05 |
| S20 | 33  | ("3776642"   "3828173"   "3860344"   "3861788"   "3864037"   "3877812"   "4030837"   "4040747"   "4082464"   "4149805").PN. OR ("4253766").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/02/12<br>09:13 |
| S21 | 430 | ((adjust\$4 with hopper) same belt) and (conveyor with belt) and (radiation light uv ultraviolet infrared laser beam)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/12<br>09:25 |
| S22 | 14  | ((adjust\$4 with hopper) same belt) and (conveyor with belt) and ((radiation light uv ultraviolet infrared laser beam) with (detector camera))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/12<br>09:43 |
| S25 | 28  | ("4427889"   "4655225"   "4915827"   "5218529"   "5239180"   "5321265"   "5448069"   "5478748"   "5515847"   "5529755"   "5533509"   "5710630"   "5743262"   "5755672"   "5900634"   "6005076"   "6025597"   "6049727"   "6100526"   "6113541"   "6152889"   "6157041"   "6208470"   "6236048"   "6316772"   "6483583"   "6587575"   "6646264").PN. OR ("7288768").URPN.             | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/02/12<br>10:11 |
| S26 | 25  | ("4572666"   "4661985"   "4687107"   "4713781"   "4752689"   "4975863"   "5135114"   "5321764"   "5379949"   "5526437"   "5703784"   "5703960"   "5710833").PN. OR ("5917927").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/02/12<br>11:05 |

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| S27 | 27  | ((adjust\$4 with hopper) same belt) and (conveyor with belt) and ((radiation light uv ultraviolet infrared laser beam) with (detector camera sensor))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/12<br>13:52 |
| S28 | 240 | ((hopper) same belt) and (conveyor with belt) and ((radiation light uv ultraviolet infrared laser beam) with (detector camera sensor)) and (portable movable transportable)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/12<br>13:53 |
| S29 | 10  | ("2954862"   "3776346"   "4006812"   "4081069"   "4104966"   "5038914"   "5394972"   "5444526"   "6116407").PN. OR ("7040489").URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/02/12<br>14:02 |
| S30 | 205 | ("2737594"   "20020008056"   "20020033449"   "20020060790"   "20020061124"   "20020104741"   "20020148975"   "20020170367"   "20020175178"   "20030063276"   "20030072484"   "20030090664"   "20030098978"   "20030112440"   "20030131737"   "20030136276"   "0033357"   "4037970"   "4040747"   "4115803"   "4117935"   "4253766"   "4260262"   "4319491"   "4414566"   "4422760"   "4540286"   "4633087"   "4692620"   "4713781"   "4752689"   "4806764"   "4944589"   "4963743"   "4975863"   "5005774"   "5034609"   "5077806"   "5085510"   "5115918"   "5135114"   "5227856"   "5241178"   "5245188"   "5253302"   "5258825"   "5308981"   "5321764"   "5335293"   "5406084"   "5487472"   "5579107"   "5638961"   "5669511"   "5703784"   "5734747"   "5751421"   "5760399"   "5779058"   "5822219"   "5835206"   "5865990"   "5878868"   "5898792"   "5912730"   "5917927"   "5956413"   "5957773"   "5969340"   "5973286"   "5982944"   "5986230"   "5991025"   "6013887"   "6031608"   "6056127"   "6059117"   "6097493"   "6100488"   "6100526"   "6137108"   "6207956"   "6208420"   "6281501"   "6316772"   "6324531"   "6369388"   "6373057"   "6391354"   "6410057"   "6418180"   "6418805"   "6421990"   "6424416"   "6427128"   "6433293"   "6483583"   "6556295"   "6646264").PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/12<br>14:34 |
| S31 | 15  | S30 and (conveyor with belt) and (housing wall cover\$3) and (detector camera sensor)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/12<br>14:34 |
| S32 | 2   | "5898792".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/12<br>14:44 |

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| S33 | 10  | 382/110,165.ccls. and (conveyor with belt) and hopper and (detector sensor camera)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/12<br>14:48 |
| S34 | 11  | ("4260262"   "4713781"   "4975863"   "5321764").PN. OR ("5898792").URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/02/12<br>14:51 |
| S35 | 205 | ("2737594"   "20020008056"   "20020033449"   "20020060790"   "20020061124"   "20020104741"   "20020148975"   "20020170367"   "20020175178"   "20030063276"   "20030072484"   "20030090664"   "20030098978"   "20030112440"   "20030131737"   "20030136276"   "0033357"   "4037970"   "4040747"   "4115803"   "4117935"   "4253766"   "4260262"   "4319491"   "4414566"   "4422760"   "4540286"   "4633087"   "4692620"   "4713781"   "4752689"   "4806764"   "4944589"   "4963743"   "4975863"   "5005774"   "5034609"   "5077806"   "5085510"   "5115918"   "5135114"   "5227856"   "5241178"   "5245188"   "5253302"   "5258825"   "5308981"   "5321764"   "5335293"   "5406084"   "5487472"   "5579107"   "5638961"   "5669511"   "5703784"   "5734747"   "5751421"   "5760399"   "5779058"   "5822219"   "5835206"   "5865990"   "5878868"   "5898792"   "5912730"   "5917927"   "5956413"   "5957773"   "5969340"   "5973286"   "5982944"   "5986230"   "5991025"   "6013887"   "6031608"   "6056127"   "6059117"   "6097493"   "6100488"   "6100526"   "6137108"   "6207956"   "6208420"   "6281501"   "6316772"   "6324531"   "6369388"   "6373057"   "6391354"   "6410057"   "6418180"   "6418805"   "6421990"   "6424416"   "6427128"   "6433293"   "6483583"   "6556295"   "6646264").PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/13<br>07:45 |
| S36 | 0   | S35 and (led (light adj emitting adj diode)) same strobe  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/13<br>07:45 |
| S37 | 0   | S35 and (led (light adj emitting adj diode)) with strobe  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/13<br>07:46 |
| S38 | 1   | S35 and (led (light adj emitting adj diode)) and strobe   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/13<br>07:48 |

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| S39 | 48  | S35 and calibrat\$3  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/13<br>08:02 |
| S40 | 467 | (led (light adj emitting adj diode)) and<br>stroboscope  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/13<br>08:07 |
| S41 | 208 | (led (light adj emitting adj diode)) same<br>stroboscope   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/13<br>08:08 |
| S42 | 9   | (led (light adj emitting adj diode)) same<br>stroboscope and conveyor                              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/13<br>08:09 |
| S43 | 0   | 241/30.ccls. and (positive with air)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/14<br>07:16 |
| S44 | 0   | 382/110,165.ccls. and (conveyor with belt) and<br>(detector sensor camera) and (positive with air) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/14<br>07:16 |
| S45 | 0   | 382/110,165.ccls. and (positive with air)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/14<br>07:16 |
| S46 | 13  | 241/30.ccls. and (positive with air)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/14<br>07:17 |
| S47 | 3   | 241/30.ccls. and (positive with air) and<br>(detector sensor camera)                               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/14<br>07:17 |

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| S48 | 205 | ( "2737594"   "20020008056"   "20020033449"  <br>"20020060790"   "20020061124"  <br>"20020104741"   "20020148975"  <br>"20020170367"   "20020175178"  <br>"20030063276"   "20030072484"  <br>"20030090664"   "20030098978"  <br>"20030112440"   "20030131737"  <br>"20030136276"   "0033357"   "4037970"  <br>"4040747"   "4115803"   "4117935"  <br>"4253766"   "4260262"   "4319491"  <br>"4414566"   "4422760"   "4540286"  <br>"4633087"   "4692620"   "4713781"  <br>"4752689"   "4806764"   "4944589"  <br>"4963743"   "4975863"   "5005774"  <br>"5034609"   "5077806"   "5085510"  <br>"5115918"   "5135114"   "5227856"  <br>"5241178"   "5245188"   "5253302"  <br>"5258825"   "5308981"   "5321764"  <br>"5335293"   "5406084"   "5487472"  <br>"5579107"   "5638961"   "5669511"  <br>"5703784"   "5734747"   "5751421"  <br>"5760399"   "5779058"   "5822219"  <br>"5835206"   "5865990"   "5878868"  <br>"5898792"   "5912730"   "5917927"  <br>"5956413"   "5957773"   "5969340"  <br>"5973286"   "5982944"   "5986230"  <br>"5991025"   "6013887"   "6031608"  <br>"6056127"   "6059117"   "6097493"  <br>"6100488"   "6100526"   "6137108"  <br>"6207956"   "6208420"   "6281501"  <br>"6316772"   "6324531"   "6369388"  <br>"6373057"   "6391354"   "6410057"  <br>"6418180"   "6418805"   "6421990"  <br>"6424416"   "6427128"   "6433293"  <br>"6483583"   "6556295"   "6646264").PN. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/14<br>07:18 |
| S49 | 2   | S48 and (positive with air) and (detector<br>camera sensor)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/14<br>07:19 |
| S50 | 6   | 209/540,541,3.1.ccls. and (positive with air) and<br>(detector camera sensor)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/14<br>07:24 |
| S51 | 1   | 382/110,165.ccls. and (conveyor with belt) and<br>(detector sensor camera) and (reflect\$3 with<br>(coat\$3 cover\$3 spread paint\$3))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/14<br>08:02 |
| S52 | 0   | 241/30.ccls. and (conveyor with belt) and<br>(detector sensor camera) and (reflect\$3 with<br>(coat\$3 cover\$3 spread paint\$3))  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/14<br>08:04 |

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| S53 | 2   | 356/239.1.ccls. and (conveyor with belt) and (detector sensor camera) and (reflect\$3 with (coat\$3 cover\$3 spread paint\$3))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/14<br>08:05 |
| S54 | 0   | 209/540,541,3.1.ccls. and (conveyor with belt) and (detector sensor camera) and (reflect\$3 with (coat\$3 cover\$3 spread paint\$3))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/14<br>08:07 |
| S55 | 9   | S48 and (reflect\$3 with (coat\$3 spread cover\$3 paint\$3))   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/14<br>08:08 |
| S56 | 3   | S48 and (air with pressure) and (detector camera sensor)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/14<br>08:39 |
| S57 | 17  | 209/540,541,3.1,582,588,587,581.ccls. and (positive with air) and (detector camera sensor)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/02/14<br>08:41 |
| S58 | 20  | ("3097744").URPN.  | USPAT   | OR | OFF | 2008/02/14<br>08:45 |
| S59 | 43  | ("3097744"   "3357557"   "3545610"  <br>"3901388"   "3977526"   "4057146"  <br>"4122952"   "4205384"   "4236640"  <br>"4295200"   "4322288"   "4348277"  <br>"4624367"   "4735323"   "5011285"  <br>"5060290"   "5134278"   "5157976"  <br>"5303310"   "5309215"   "5442716"  <br>"5471311"   "5519793"   "5598262"  <br>"5675419"   "5733592"   "5911001"  <br>"5917926"   "5960098"   "5969810"  <br>"5988645"   "6049379"   "6061125"  <br>"6067155"   "6112588"   "6112903"  <br>"6535769").PN. OR ("6629010").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/02/14<br>09:00 |
| S60 | 209 | ("2737594"   "20020008056"   "20020033449"  <br>"20020060790"   "20020061124"  <br>"20020104741"   "20020148975"  <br>"20020170367"   "20020175178"  <br>"20030063276"   "20030072484"  <br>"20030090664"   "20030098978"  <br>"20030112440"   "20030131737"  <br>"20030136276"   "0033357"   "4037970"  <br>"4040747"   "4115803"   "4117935"  <br>"4253766"   "4260262"   "4319491"  <br>"4414566"   "4422760"   "4540286"  <br>"4633087"   "4692620"   "4713781"  <br>"4752689"   "4806764"   "4944589"  <br>"4963743"   "4975863"   "5005774"  <br>"5034609"   "5077806"   "5085510"  <br>"5115918"   "5135114"   "5227856"  <br>"5241178"   "5245188"   "5253302" | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/12<br>11:13 |



|     |     |  |   |    |    |                     |
|-----|-----|--|---|----|----|---------------------|
|     |     | "5258825"   "5308981"   "5321764"  <br>"5335293"   "5406084"   "5487472"  <br>"5579107"   "5638961"   "5669511"  <br>"5703784"   "5734747"   "5751421"  <br>"5760399"   "5779058"   "5822219"  <br>"5835206"   "5865990"   "5878868"  <br>"5898792"   "5912730"   "5917927"  <br>"5956413"   "5957773"   "5969340"  <br>"5973286"   "5982944"   "5986230"  <br>"5991025"   "6013887"   "6031608"  <br>"6056127"   "6059117"   "6097493"  <br>"6100488"   "6100526"   "6137108"  <br>"6207956"   "6208420"   "6281501"  <br>"6316772"   "6324531"   "6369388"  <br>"6373057"   "6391354"   "6410057"  <br>"6418180"   "6418805"   "6421990"  <br>"6424416"   "6427128"   "6433293"  <br>"6483583"   "6556295"   "6646264"). PN. |   |    |    |                     |
| S61 | 16  | S60 and trigg\$5   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/12<br>11:13 |
| S62 | 3   | S60 and trigg\$5 and hopper  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/12<br>11:24 |
| S63 | 4   | 209/910.ccls. and trigg\$5   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/12<br>11:36 |
| S64 | 289 | "222"/\$.ccls. and trigg\$5 and hopper   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/12<br>11:37 |
| S65 | 93  | "222"/\$.ccls. and trigg\$5 and hopper and<br>conveyor   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/12<br>12:11 |
| S66 | 1   | "222"/\$.ccls. and trigg\$5 and hopper and<br>conveyor and camera  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/12<br>12:13 |
| S67 | 177 | trigg\$5 and hopper and conveyor and camera  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/09/12<br>12:14 |

|     |      |  |   |    |     |                     |
|-----|------|--|---|----|-----|---------------------|
| S68 | 3451 | 250/573-577.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/15<br>08:22 |
| S69 | 12   | 250/573-577.ccls. and (feed\$3 near20 meter\$3)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/15<br>08:23 |
| S70 | 455  | 250/573-577.ccls. and (trigger\$3)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/15<br>08:35 |
| S71 | 4    | 250/573-577.ccls. and (trigger\$3) and ((object<br>near5 feed\$3) hopper)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/15<br>08:47 |
| S72 | 2321 | (trigger\$3) and ((object near5 feed\$3) hopper)<br>and conveyor   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/15<br>08:50 |
| S73 | 512  | (trigger\$3) and ((object near5 feed\$3) hopper)<br>and conveyor and ((radiat\$3 light) near5<br>(source emitt\$3)) and (detect\$3 sens\$3<br>camera)    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/15<br>08:51 |
| S74 | 11   | ("3097743").URPN.  | USPAT   | OR | ON  | 2008/09/15<br>09:27 |
| S75 | 58   | ("2731621"   "2922893"   "3122227"  <br>"3220549"   "3412993"   "3480785"  <br>"3491243"   "3536927"   "3589514").PN. OR<br>("3759382").URPN.            | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/09/15<br>10:13 |
| S76 | 23   | ("3200556"   "3368671"   "3618764"  <br>"3882316"   "3889447"   "3927195"  <br>"3942900"   "3969227"   "4584817").PN. OR<br>("4802323").URPN.            | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2008/09/15<br>11:40 |
| S77 | 149  | ((trigger\$3) same ((radiat\$3 light) near5<br>(source emitt\$3)) and (detect\$3 sens\$3<br>camera)) and ((object near5 feed\$3) hopper)<br>and conveyor | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/15<br>12:21 |
| S78 | 1030 | ((trigger\$3) same ((radiat\$3 light) near5<br>(source emitt\$3)) and (detect\$3 sens\$3<br>camera)) and conveyor  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/15<br>12:26 |

|     |    |  |   |    |     |                     |
|-----|----|--|---|----|-----|---------------------|
| S79 | 53 | 250/223R.ccls. and ((trigger\$3) same ((radiat\$3 light) near5 (source emitt\$3)) and (detect\$3 sens\$3 camera)) and conveyor                   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/15<br>13:15 |
| S80 | 41 | 250/223R.ccls. and ((trigger\$3) same ((radiat\$3 light) near5 (source emitt\$3)) and (trigger\$3) same (detect\$3 sens\$3 camera)) and conveyor | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/15<br>13:25 |
| S81 | 65 | 250/223R.ccls. and ((trigger\$3) same ((radiat\$3 light) near5 (source emitt\$3)) and (trigger\$3) same (detect\$3 sens\$3 camera))              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/15<br>13:28 |
| S82 | 2  | "6384421".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/09/15<br>14:50 |

9/ 15/ 2008 4:23:38 PM

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